

**SOLUTION CONTAINING**  
**SURFACE-MODIFIED NANOPARTICLES**

**ABSTRACT**

5           Coating solutions comprising surface-modified nanoparticles, a first liquid having  
a vapor pressure, VP1, and a second liquid miscible with the first liquid, having a vapor  
pressure, VP2, that is less than VP1, wherein the nanoparticles are more compatible with  
the first liquid than with the second liquid, are provided. Methods of applying and drying  
these solutions, and articles comprising substrates coated with these solutions are also  
10 provided.